

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/003,754	LUCOVSKY ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Viet Vu	2154	

All participants (applicant, applicant's representative, PTO personnel):

(1) Viet Vu. (3) \_\_\_\_\_.

(2) Eric Kamerath (46,081). (4) \_\_\_\_\_.

Date of Interview: 15 March 2005.

Type: a) ☐ Telephonic b) ☐ Video Conference  
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: claims 1, 67, 72, 78, 83.

Identification of prior art discussed: (5,553,427).

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed the differences between the present invention and prior art of record. The proposed amended claims appear to overcome the art rejection.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
\_\_\_\_\_  
Examiner's signature, if required

# MESSAGING INFRASTRUCTURE FOR IDENTITY-CENTRIC DATA ACCESS

Serial No. 10/003,754 - Filed: October 22, 2001

MS# 180564:01 - WN# 13768.198.2

EXAMINER VIET VU

1. (Currently Amended) In a computer network that includes a plurality of applications that operate on data objects associated with identities, the computer network also including a plurality of services that maintain data objects associated with the identity, each service managing at least data objects that follow a corresponding data type schema, a computer-readable medium storing or carrying thereon a data structure that represents a request to perform an operation on a data object associated with an identity, the data structure following a message schema, the data structure including the following data fields that are structured in accordance with the message schema:

one or more data fields that identify ~~an one of a plurality of identity identities~~ whose who owns a data object is desired to be operated upon accessed by one of a plurality of mobile applications in accordance with an identity-centric, as opposed to an application-centric, data access model;

one or more data fields that identify ~~an address of a one or more service services~~ that ~~manages manage~~ a plurality of data objects for a the plurality of identities including the identity ~~whose who owns the data object is desired to be operated upon~~ accessed, at least some of the data objects being organized in accordance with a data type schema;

one or more data fields that identify ~~the one of a plurality of data type schema~~ schemas corresponding to one of the plurality of mobile applications that access the plurality of data objects managed by the one or more services, wherein a particular data object ~~that is desired to be operated upon may be accessed~~ is identified using at least the identification of the identity who owns the data object to be accessed and the identification of the ~~predetermined~~ data type schema; and

one or more data fields that identify ~~the an~~ operation to be performed on the particular data object.

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Proposed Claim Amendments for Discussion Purposes Only

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EXAMINER VIET VU

67. (Currently Amended) In a computer network that includes a plurality of applications that operate on data objects associated with identities, the computer network also including a plurality of services that maintain data objects associated with the identity, each service managing at least data objects that follow a corresponding data type schema, a method for generating a data structure that represents a request to perform an operation on a data object associated with an identity, the data structure following a message schema, the method including the following:

generating and inserting a first set of one or more data fields into the data structure in accordance with the message schema, the first set of one or more data fields identifying an identity whose one of a plurality of identities who owns a data object is desired to be operated upon accessed by one of a plurality of mobile applications in accordance with an identity-centric, as opposed to an application-centric, data access model;

generating and inserting a second set of one or more data fields into the data structure in accordance with the message schema, the second set of one or more data fields identifying an address of a service one or more services that manages-manage a plurality of data objects for a-the plurality of identities including the identity-whose-who owns the data object is desired to be operated upon accessed, at least some of the data objects being organized in accordance with a data type schema;

generating and inserting a third set of one or more data fields into the data structure in accordance with the message schema, the third set of one or more data fields identifying the one of a plurality of data type-schema schemas corresponding to one of the plurality of mobile applications that access the plurality of data objects managed by the one or more services, wherein a particular data object that is desired to be operated upon may be accessed is identified using at least the identification of the identity who owns the data object to be accessed and the identification of the data type schema;

generating and inserting a fourth set of one or more data fields into the data structure in accordance with the message schema, the fourth set of one or more data fields identifying correlation information that may be used to correlate for use in correlating the request with a response to the request; and

generating and inserting a fifth set of one or more data fields into the data structure in accordance with the message schema, the fifth set of one or more data fields identifying the an operation to be performed on the particular data object.

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EXAMINER VIET VU

72. (Currently Amended) A computer program product for use in a computer network that includes a plurality of applications that operate on data objects associated with identities, the computer network also including a plurality of services that maintain data objects associated with the identity, each service managing at least data objects that follow a corresponding data type schema, the computer-program product for implementing a method for generating a data structure that represents a request to perform an operation on a data object associated with an identity, the data structure following a message schema, the computer program product comprising a computer-readable medium having stored thereon the following:

computer-executable instructions for generating and inserting a first set of one or more data fields into the data structure in accordance with the message schema, the first set of one or more data fields identifying an identity whose one of a plurality of identities who owns a data object is desired to be operated upon accessed by one of a plurality of mobile applications in accordance with an identity-centric, as opposed to an application-centric, data access model;

computer-executable instructions for generating and inserting a second set of one or more data fields into the data structure in accordance with the message schema, the second set of one or more data fields identifying an address of a service one or more services that manages manage a plurality of data objects for a the plurality of identities including the identity whose who owns the data object is desired to be operated upon accessed, at least some of the data objects being organized in accordance with a data type schema;

computer-executable instructions for generating and inserting a third set of one or more data fields into the data structure in accordance with the message schema, the third set of one or more data fields identifying the one of a plurality of data type-schema schemas corresponding to one of the plurality of mobile applications that access the plurality of data objects managed by the one or more services, wherein a particular data object that is desired to be operated upon may be accessed is identified using at least the identification of the identity who owns the data object to be accessed and the identification of the data type schema;

computer-executable instructions for generating and inserting a fourth set of one or more data fields into the data structure in accordance with the message schema, the fourth set of one or more data fields identifying correlation information that may be used to correlate for use in correlating the request with a response to the request; and

computer-executable instructions for generating and inserting a fifth set of one or more data fields into the data structure in accordance with the message schema, the fifth set of one or more data fields identifying the an operation to be performed on the particular data object.

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EXAMINER VIET VU

78. (Currently Amended) In a computer network that includes a plurality of applications that operate on data objects associated with identities, the computer network also including a plurality of services that maintain data objects associated with the identity, each service managing at least data objects that follow a corresponding data type schema, a method for interpreting a data structure that represents a request to perform an operation on a data object associated with an identity, the data structure following a message schema, the method including the following:

extracting and interpreting a first set of one or more data fields from the data structure in accordance with the message schema, the first set of one or more data fields identifying an identity whose one of a plurality of identities who owns a data object is desired to be operated upon accessed by one of a plurality of mobile applications in accordance with an identity-centric, as opposed to an application-centric, data access model;;

extracting and interpreting a second set of one or more data fields from the data structure in accordance with the message schema, the second set of one or more data fields identifying an address of a service one or more services that manages manage a plurality of data objects for a the plurality of identities including the identity whose who owns the data object is desired to be operated upon accessed, at least some of the data objects being organized in accordance with a data type schema;

extracting and interpreting a third set of one or more data fields from the data structure in accordance with the message schema, the third set of one or more data fields identifying the one of a plurality of data type schema schemas corresponding to one of the plurality of mobile applications that access the plurality of data objects managed by the one or more services;

identifying a particular data object that is desired to be operated upon accessed based at least on the identification of the identity who owns the data object to be accessed and the identification of the data type schema;

extracting and interpreting a fourth set of one or more data fields from the data structure in accordance with the message schema, the fourth set of one or more data fields identifying correlation information that may be used to correlate for use in correlating the request with a response to the request;

extracting and interpreting a fifth set of one or more data fields from the data structure in accordance with the message schema, the fifth set of one or more data fields identifying the an operation to be performed on the particular data object;

performing the requested operation on the particular data object; and

returning a response to the request, the response including at least some of the correlation information.

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EXAMINER VIET VU

83. (Currently Amended) A computer program product for use in a computer network that includes a plurality of applications that operate on data objects associated with identities, the computer network also including a plurality of services that maintain data objects associated with the identity, each service managing at least data objects that follow a corresponding data type schema, the computer program product for implementing a method for interpreting a data structure that represents a request to perform an operation on a data object associated with an identity, the data structure following a message schema, the computer program product comprising a computer-readable medium having stored thereon the following:

computer-executable instructions for extracting and interpreting a first set of one or more data fields from the data structure in accordance with the message schema, the first set of one or more data fields identifying an identity whose one of a plurality of identities who owns a data object is desired to be operated upon accessed by one of a plurality of mobile applications in accordance with an identity-centric, as opposed to an application-centric, data access model;

computer-executable instructions for extracting and interpreting a second set of one or more data fields from the data structure in accordance with the message schema, the second set of one or more data fields identifying an address of a service one or more services that manages/manage a plurality of data objects for a the plurality of identities including the identity whose who owns the data object is desired to be operated upon accessed, at least some of the data objects being organized in accordance with a data type schema;

computer-executable instructions for extracting and interpreting a third set of one or more data fields from the data structure in accordance with the message schema, the third set of one or more data fields identifying the one of a plurality of data type schema schemas corresponding to one of the plurality of mobile applications that access the plurality of data objects managed by the one or more services;

computer-executable instructions for identifying a particular data object ~~that is desired to be operated upon~~ accessed based at least on the identification of the identity who owns the data object to be accessed and the identification of the data type schema;

computer-executable instructions for extracting and interpreting a fourth set of one or more data fields from the data structure in accordance with the message schema, the fourth set of one or more data fields identifying correlation information ~~that may be used to correlate for use in correlating~~ the request with a response to the request;

computer-executable instructions for extracting and interpreting a fifth set of one or more data fields from the data structure in accordance with the message schema, the fifth set of one or more data fields identifying ~~the an~~ operation to be performed on the particular data object;

computer-executable instructions for causing the ~~requested~~ operation to be performed on the particular data object; and

computer-executable instructions for causing a response to the request to be returned, the response including at least some of the correlation information.

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